

Patent Claims:

1. A molding tool for producing molded foam bodies, in particular polyurethane molded foam bodies, by filling an expandable reactive mixture into a mold, characterized in that the shaping internal surfaces of the tool are provided with a lotus leaf-type microstructuring and/or with a permanent anti-adherence coating made of a fluorinated plastic or a diamond-like coating.
2. The molding tool as recited in Claim 1, characterized in that the anti-adhesive coating has a wear-resistant hard material component.
3. The molding tool as recited in Claim 2, characterized in that the material is a ceramic material.
4. The molding tool as recited in one of Claims 1 through 3, characterized in that the anti-adherence layer is made of a fluorinated plastic having a thickness of 1 μm to 100 μm , preferably 2 μm to 50 μm .
5. The molding tool as recited in one of Claims 1 through 3, characterized in that the anti-adherence layer is made of a diamond-like coating having a thickness of 1 μm to 50 μm , preferably 2 μm to 20 μm .